

ECS Configuration Change Request

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1. Originator Abdulnashir M. Shash	2. Log Date: 04/30/03	3. CCR #: 03-0313	4. Rev: —	5. Tel: 301-925-0832	6. Rm #: 2009k	7. Dept. DEV/CO
8. CCR Title: Patch_6A.07_ESDT.37_SYSTEM						
9. Originator Signature/Date Abdulnashir M. Shash /s/ 04/29/03			10. Class II	11. Type: CCR	12. Need Date: 30Apr03	
13. Office Manager Signature/Date Louis Swentek /s/ 04/29/03			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist):			17. Schedule Impact:		18. CI(s) Affected:SDSRV/ESDT/INGEST	
19. Release Affected by this Change: 6A		20. Date due to Customer: 29Apr03		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 37292, 37240						
23. Problem: (use additional Sheets if necessary) GDAAC will soon begin formally archiving the SDPTK polar motion and leapsec adjustment ancillary files (utcpole.dat and leapsec.dat, and their USNO-supplied predecessors tai-utc.dat and finals.data). Summary of NCR St=T, Sv=5, Bug id = ECSed37292, Subsystem = OPS_SDSRV_ESDT St=V, Sv=3, Bug id = ECSed37240, Subsystem = OPS_SDSRV_ESDT						
24. Proposed Solution: (use additional sheets if necessary) Provided as Patch_6A.07_ESDT.37_SYSTEM						
25. Alternate Solution: (use additional sheets if necessary) None						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Unable make requirement for AURA science processing						
27. Justification for Emergency (If Block 15 is "Emergency"): None						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Mary S. Armstrong /s/ 03/29/03			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date): Pamela Johnson /s/ 04/29/03			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: 03-0313 **Rev:** — **Originator:** Abdulnasir M. Shash

Telephone: 301-925-0832 **Office:** 2009k

Title of Change: Patch_6A.07_ESDT.37_SYSTEM

Clearcase:

Build one SUN5.8 tar file from 6A.07 baseline for the following packages:

.EcDsSdValids.pkg
.EcDmDBValids.pkg

Build one IRIX65 tar file from 6A.07 baseline for the following package:

.EcInDBScripts.pkg

Build one SUN5.8 tar file from 6A.07 baseline for the following files:

/ecs/formal/ESDT/sys:
DsESDTSyLeapSecT.101.desc
DsESDTSyUTCPoleN.101.desc
DsESDTSyUTCPoleT.101.desc
DsESDTSytai_utcN.101.desc
DsESDTPpAURGBAD1.001.desc

Please name the tarfile Patch_6A.07_ESDT.37_SYSTEM

Please deliver the tar file to PVC and VATC

This is for GSFC DAAC

DAAC Install Instruction

NOTE: This patch includes new ESDTs. Ingest scripts, SDSRV valids and DMS valids are included to insure that the most current versions have been delivered. The installation of these packages may be skipped at the DAAC's discretion.

A. PreInstallation

1. Create a staging area with SOL8 and IRIX65 subdirectory
2. Copy Patch_6A.07_ESDT.37_SYSTEM_Apr-24-2003_6A07_sun5.8_20030424_131609.tar to /<staging_area>/SOL8 subdirectory and untar it using a tar command

B. Installation

a) To install ESDT descriptor file

1. Logon to the sdsrv host
2. cd /usr/ecs/<MODE>/CUSTOM/data/ESS/
3. cp -p /<staging_area>/SOL8/<descriptor file name> .
4. chmod 755 <descriptor file name>

Note: All the ESDTs are new and need to be installed except AURGBAD1 which is updateable. To update the ESDTs SDSRV need to be killed and brought up in maintenance mode. ESDTs can also be updated by running the following script:

EcDsUpdateESDTStart <MODE> <descriptor file name>

Note: It is not necessary to bring SDSRV in maintenance mode when you use the script. Look at the EcDsUpdateESDT.ALOG file for any error messages.

5. To install the ESDT descriptors, use the Science Data Server GUI

6. Using the STMGT GUI add a new Volume Group as well for the ESDT if necessary

C. PostInstallation

Bring up SDSRV as StartTemperature warm if the EcDsUpdateESDTStart script was not used.